

# LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

MAR 17 2005



ATTY. DOCKET NO.

7420-116-999

APPLICATION NO.

10/713,923

APPLICANT

Morys et al.

FILING DATE

February 11, 2003

GROUP

2859

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[initials]</i>	AA	6,737,864	05/18/04	Prammer <i>et al.</i>	324	303	
	AB	6,661,226	12/09/03	Hou <i>et al.</i>	324	303	
	AC	6,646,437	11/11/03	Chitale <i>et al.</i>	324	303	
	AD	6,577,125	06/10/03	Prammer <i>et al.</i>	324	303	
	AE	6,541,969	04/01/03	Sigal <i>et al.</i>	324	303	
	AF	6,531,868	03/11/03	Pramemr	324	303	
	AG	6,525,534	02/25/03	Akkurt <i>et al.</i>	324	303	
	AH	6,518,758	02/11/03	Speier <i>et al.</i>	324	303	
	AI	6,268,726	07/31/01	Prammer <i>et al.</i>	324	303	
	AJ	6,255,819	07/03/01	Day <i>et al.</i>	324	303	
	AK	6,008,646	12/28/99	Griffin <i>et al.</i>	324	303	
	AL	6,005,389	12/21/99	Prammer	324	303	
	AM	5,992,519	11/30/99	Ramakrishnan <i>et al.</i>	166	250.15	
	AN	5,977,768	11/02/99	Sezginer <i>et al.</i>	324	303	
	AO	5,914,598	06/02/99	Sezginer <i>et al.</i>	324	303	
	AP	5,869,755	02/09/99	Ramamoorthy <i>et al.</i>	73	152.05	
	AQ	5,565,775	10/15/96	Stallmach <i>et al.</i>	324	303	
	AR	5,557,201	09/17/96	Kleinberg <i>et al.</i>	324	303	
	AS	5,557,200	09/17/96	George R. Coates	324	303	
	AT	5,517,115	05/14/96	Prammer	324	303	
	AU	5,498,960	03/12/96	Vinegar <i>et al.</i>	324	303	
	AV	5,497,087	03/05/96	Vinegar <i>et al.</i>	324	303	
	AW	5,486,762	01/23/96	Freedman <i>et al.</i>	324	303	
	AX	5,486,761	01/23/96	Sezginer	324	303	
	AY	5,432,446	07/11/95	Macinnis <i>et al.</i>	324	303	
	AZ	5,412,320	05/02/95	Coates	324	303	
	BA	5,387,865	02/07/95	Jerosch-Herold <i>et al.</i>	324	303	
<i>[initials]</i>	BB	5,381,092	01/10/95	Robert Freedman	324	303	

B	BC	5,379,216	01/03/95	Elton L. Head	364	422	
	BD	5,376,884	12/27/94	Abdurrahman Sezginer	324	303	
	BE	5,363,041	11/08/94	Sezginer	324	303	
	BF	5,350,925	09/27/94	Charles C. Watson	250	269.3	
	BG	5,349,184	09/20/94	Peter D. Wraight	250	266	
	BH	5,309,098	05/03/94	Coates <i>et al.</i>	324	303	
	BI	5,280,243	01/18/94	Miller	324	303	
	BJ	5,212,447	05/18/93	Paltiel	324	300	
	BK	5,122,746	06/16/92	King <i>et al.</i>	324	307	
	BL	5,055,788	10/08/91	Kleinberg <i>et al.</i>	324	303	
	BM	5,055,787	10/08/91	Kleinberg <i>et al.</i>	324	303	
	BN	5,023,551	06/11/91	Kleinberg <i>et al.</i>	324	303	
	BO	4,933,638	06/12/90	Kenyon <i>et al.</i>	324	303	
	BP	4,728,892	03/01/88	Vinegar <i>et al.</i>	324	309	
	BQ	4,717,878	01/05/88	Taicher <i>et al.</i>	324	303	
	BR	4,717,877	01/05/88	Taicher <i>et al.</i>	324	303	
	BS	4,717,876	01/05/88	Masi <i>et al.</i>	324	303	
	BT	4,710,713	12/01/87	Taicher <i>et al.</i>	324	303	
	BU	4,885,540	12/05/89	Snoddy <i>et al.</i>	324	318	
	BV	4,686,364	08/11/87	Susan L. Herron	250	256	
	BW	4,528,508	07/09/85	William B. Vail, III	324	303	
	BX	4,310,887	01/12/82	Jean A. Suau	364	422	
	BY	3,896,668	07/29/75	Anderson <i>et al.</i>	73	152	
	BZ	3,784,898	01/08/74	Darley <i>et al.</i>	324	0.5R	
	CA	3,777,560	12/11/73	Jean-Hubert Guignard	73	151.5	
	CB	3,667,035	05/30/72	Charles P. Slichter	324	0.5R	
	CC	3,657,730	04/18/72	Robinson <i>et al.</i>	324	0.5	
	CD	3,638,484	02/01/72	Maurice P. Tixier	73	152	
	CE	3,617,867	11/02/71	Gerherd Herzog	324	0.5	
	CF	3,593,116	07/13/71	Willie C. Culpepper	324	0.5	
	CG	3,590,228	06/29/71	Jack A. Burke	235	151.35	
	CH	3,567,936	03/02/71	Jay Tittman	250	83.1	
	CI	3,567,935	03/02/71	Walter A. Nagel	250	83.1	
P	CJ	3,508,438	04/28/70	Alger <i>et al.</i>	73	152	

<i>Pz</i>	CI	3,453,433	07/01/69	Alger <i>et al.</i>	250	83.3		
	CJ	3,402,344	08/02/65	Brown <i>et al.</i>				
	CK	3,395,337	01/03/52	R. H. Varian				
	CL	3,360,716	08/06/56	Bloom <i>et al.</i>				
	CM	3,213,357	10/19/65	Brown <i>et al.</i>				NO
	CN	3,205,477	09/07/65	D. C. Kalbfell				
	CO	1,158,959	11/02/15	E. W. Beach				
<i>Pz</i>	CP	Re. 32,913	04/25/89	Brian Clark	324	338		

### FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	YES
<i>Pz</i>	CR	WO 98/25164	11/26/97	International Application				

### OTHER REFERENCES

(Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Pz</i>	CS	Morris <i>et al.</i> , "Hydrocarbon Saturation and Viscosity Estimation from NMR Logging in the Belridge Diatomite," 35th SPWLA Annual Logging Symposium (June 19-22, 1994), pp. 1-24.						
	CT	Carr <i>et al.</i> , "Effects of Diffusion on Free Precision in Nuclear Magnetic Resonance Experiments," <i>Physical Review</i> , Vol. 94. No. 3 (May 1, 1954), pp. 630-638.						
	CU	<i>Schlumberger Wireline &amp; Testing</i> , "Combinable Magnetic Resonance tool reliably indicates water-free production and reveals hard-to-find pay zones," (June 1995).						
	CV	Morris <i>et al.</i> , "Field Test of an Experimental Pulsed Nuclear Magnetism Tool," SPWLA Annual Logging Symposium (June 13-16, 1993), pp. 1-23.						
	CW	Coates <i>et al.</i> , "Core Data and the MRIL Show - A New Approach to 'Formation Factor,'" National SPWLA Convention (June 15, 1992), pp. 1-15.						
	CX	Kleinberg <i>et al.</i> , "Novel NMR Apparatus for Investigating an External Sample," <i>Journal of Magnetic Resonance</i> , (1992) pp. 466-485.						
	CY	Coates <i>et al.</i> , "An Investigation of a New Magnetic Resonance Imaging Log," National SPWLA Convention (June 18, 1991), pp. 1-24.						
	CZ	Howard <i>et al.</i> , "Proton Magnetic Resonance and Pore-Size Variations in Reservoir Sandstones," <i>Society of Petroleum Engineers</i> (1990), pp. 733-741.						
	DA	Miller <i>et al.</i> , "Spin Echo Magnetic Resonance Logging: Porosity and Free Fluid Index Determination," <i>Society of Petroleum Engineers</i> (1990), pp. 321-334.						
	DB	Kenyon <i>et al.</i> , "Pore-Size Distribution and NMR in Microporous Cherty Sandstones," SPWLA Thirtieth Annual Logging Symposium (June 11-14, 1989), pp. 1-24.						
<i>Pz</i>	DC	<i>Schlumberger Technology News - Oilfield Bulletin</i> , "Fifth Generation Nuclear Magnetic Resonance Logging Tool: A Major Advance in Producibility Measurement Technology," (July 1995) (2 pp.)						

<u>2</u>	DD	Akkurt <i>et al.</i> , "NMR Logging of Natural Gas Reservoirs," SPWLA 35th Annual Logging Symposium (June 26-29, 1995)
<u>7</u>	DE	Prammer, M.G., "NMR Pore Size Distributions and Permeability at the Well Site," <i>Society of Petroleum Engineers</i> (9/25/95) pp. 55-64.
	DF	Chandler <i>et al.</i> , "Improved Log Quality with a Dual-Frequency Pulsed NMR Tool," <i>Society of Petroleum Engineers</i> (1994) pp. 23-35.
	DG	Straley <i>et al.</i> , "NMR in Partially Saturated Rocks: Laboratory Insights on Free Fluid Index and Comparison with Borehole Logs," SPWLA Annual Logging Symposium (June 27, 1991) pp. 40-56.
	DH	Gallegos <i>et al.</i> , "A NMR Technique for the Analysis of Pore Structure: Determination of Continuous Pore Size Distributions," <i>Journal of Colloid and Interface Science</i> , Vol. 122, No. 1, March 1988, pp. 143-153.
	DI	Gallegos <i>et al.</i> , "A NMR Technique for the Analysis of Pore Structure: Application to Materials with Well-Defined Pore Structure," <i>Journal of Colloid and Interface Science</i> , Vol. 119, No. 1, September 1987, pp. 127-140.
	DJ	Jackson <i>et al.</i> , "Western Gas Sands Project Los Alamos NMR Well Logging Tool Development," Los Alamos National Laboratory (October 1981 - September 1982) pp. 1-28.
	DK	Clavier <i>et al.</i> , "The Theoretical and Experimental Bases for the 'Dual Water' Model for the Interpretation of Shaly Sands," <i>Journal of Petroleum Technology</i> (April 1984), pp. 3-15.
	DL	Brownstein <i>et al.</i> , "Importance of classical diffusion in NMR studies of water in biological cells," <i>The American Physical Society</i> , Vol. 19, No. 6, (1979) pp. 2446-2453.
	DM	Farrar <i>et al.</i> , "Pulse and Fourier Transform NMR Introduction to Theory and Methods," Academic Press (1971) pp. 26-29.
	DN	Waxman <i>et al.</i> , "Electrical Conductivities in Oil-Bearing Shaly Sands," <i>Society of Petroleum Engineers Journal</i> (1968) pp. 107-122.
<u>6</u>	DO	Brown <i>et al.</i> , "Nuclear Magnetism Logging," <i>Transactions of the American Institute of Mining, Metallurgical, and Petroleum Engineers</i> , Vol. 219 (1960), pp. 199-207.
EXAMINER <u>B. J. Brown</u>		DATE CONSIDERED <u>5/27/05</u>
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>		

due to many references provided by the applicant  
 examiner was only able to read abstracts of  
 these references MB